

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-13. (*canceled*)

14. (*original*) A method of forming a heat exchanger manifold, comprising the steps of:

(a) extruding tubing in a one-piece, seamless, jointless shape having a substantially flat part and a concavely curved part so as to have a substantially D-shaped cross section and having at least two external ribs extending longitudinally on the exterior of the substantially flat part; and

(b) following said step (a), cutting the tubing to manifold length to form a manifold having a header and a tank.

15. (*original*) The method of claim 14, further comprising the step of:

(c) following said step (b), forming tube slots in the header and chamfering the adjoining edges of the external ribs.

16. (*original*) The method of claim 14, further comprising the steps of:

(c) forming cuts through the header for the placement of end caps; and

(d) following said step (c), inserting end caps through the cuts in the header formed for the placement thereof.

17. (original) The method of claim 16, further comprising the step of:

(e) following said step (c), applying a cladding material to the exterior of the manifold.

18. (original) The method of claim 16, further comprising the step of:

(e) following said step (d), applying a cladding material to the exterior of the manifold.

19. (original) The method of claim 16, further comprising the step of:

(e) following said step (f), driving the end caps into place.

20. (original) The method of claim 14, further comprising the steps of:

(c) forming cuts through the header for the placement of end caps and at least one baffle; and

(d) following said step (c), inserting end caps and at least one baffle through the cuts in the header formed for the placement thereof.

21. (original) The method of claim 20, further comprising the step of:

(e) following said step (d), driving the end caps and the at least one baffle into place.

22. *(original)* The method of claim 14, wherein said step (b) is carried out by machining.

23. *(original)* A method of forming a heat exchanger, comprising the steps of:

(a) extruding tubing in a shape having a substantially D-shaped cross-section with a substantially flat part and a substantially semi-circular part and with at least two external ribs extending longitudinally on the exterior of the substantially flat part;

(b) following said step (a), cutting the tubing to manifold length to form a pair of manifolds each having a header and a tank;

(c) following said step (b), forming tube slots in the headers and chamfering the adjoining edges of the external ribs;

(d) forming cuts through the headers for the placement of end caps;

(e) following said step (d), inserting end caps through the cuts in the headers formed for the placement thereof; and

(f) following said step (e), assembling heat exchanger tubes and fins to the manifolds.

24. (original) The method of claim 23, further comprising the step of:

(g) following said step (d) and prior to said step (e), applying a cladding material to the exteriors of the manifolds; and

(h) following said step (g), brazing the assembled manifolds, heat exchanger tubes, and fins to form a heat exchanger.